

ATTACHMENT OF SECOND HARMONIC-ACTIVE MOIETY TO
MOLECULES FOR DETECTION OF MOLECULES AT INTERFACES

Abstract of the Disclosure

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This invention provides methods of detecting molecules at an interface, which comprise labeling the molecules with a second harmonic-active moiety and detecting the labeled molecules at the interface using a surface selective technique. The invention also provides methods for detecting a molecule in a medium and for determining the orientation of a molecular species within a planar surface using a second harmonic-active moiety and a surface selective technique.

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